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**PATENT** 

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Date of Signature/Deposit: July

Scott F. Diring, Reg. No. 35,119

Attorney of Record

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s):

William N. Reining

Serial No.:

10/661,884

Filed:

September 12, 2003

For:

METHOD AND APPARATUS FOR METAL TARGET PROXIMITY

**DETECTION AT LONG DISTANCES** 

2005

Art Unit:

2858

Docket No.:

790463.00002

## INFORMATION DISCLOSURE STATEMENT

The following are submitted in the above-identified application in compliance with 37 CFR 1.97 & 1.98:

- A list of documents on Form PTO-1449 together with copies of each identified document (if required);
- A translation or a concise explanation of each non-English language document is enclosed herewith.

This paper is submitted in accordance with:

- 37 CFR 1.97(b) (within 3 months of filing or prior to mailing of 1<sup>st</sup> Office Action)

  37 CFR 1.97(c) (before Final Office Action or Notice of Allowance); and

  ☐ The required certification made under the heading "Certification" below; or
  - ☐ The \$\_\_\_\_\_ fees specified in 37 CFR §1.17(p) for submission of this Information Disclosure Statement is authorized under the heading "Authorization to Charge Fees" below.

|   | 37 CFR 1.97(d) (before issue fee payment); and   |   |  |  |  |
|---|--|---|--|--|--|
|   | a) This is a petition for consideration of the subject Information Disclosure Statement. The petition fee \$ required by 37 CFR 1.17(i)(1) is authorized under the heading "Authorization to Charge Fees". (Direct this letter to "Attention Petitions Examiner" and if applicable include batch locator information: e.g. "Allowed Files, Batch, Date of Allowance"), and |   |  |  |  |
|   | b)<br>below.   | The required Certification is stated under the heading "Certification"  |  |  |  |
|   | Certification  |   |  |  |  |
|   |  | Each item of information contained in this Statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Statement; or  |  |  |  |
|   |  | No item of information contained in this Statement was first cited in any communication from a foreign patent office in a counterpart foreign application and, to the knowledge of the person signing this document after making reasonable inquiry, was known to any individual designated in 37 CFR 1.56(c) more than three (3) months prior to the filing of this Statement. |  |  |  |
| X | Authorization to Charge Fees   |   |  |  |  |

Please charge all applicable fees associated with the submittal of this Information Disclosure Statement to Deposit Account No. 17-0055.

Respectfully submitted,

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## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Substitute for form 14492406MAR

Sheet

(Use as many sheets as necessary)

| Complete if Known      |                    |  |  |
|------------------------|--------------------|--|--|
| Application Number     | 10/661,884         |  |  |
| Filing Date            | September 12, 2003 |  |  |
| First Named Inventor   | William N. Reining |  |  |
| Art Unit               | 2858               |  |  |
| Examiner Name          |                    |  |  |
| Attorney Docket Number | 790463.00002       |  |  |

| Examiner  | Cite | Document Number                         | Publication Date | Name of Patentee or         | Pages, Columns, Lines, Where                    |
|-----------|------|---|------------------|-----------------------------|---|
| Initials* | No.1 | Number-Kind Code <sup>2 (# known)</sup> | MM-DD-YYYY       | Applicant of Cited Document | Relevant Passages or Relevant<br>Figures Appear |
|           | 1    | <sup>US-</sup> 3,199,022                | 08-03-1965       | Brown et al.                |   |
|           | 2    | <sup>US-</sup> 4,050,011                | 09-20-1977       | Mori et al.                 |   |
|           | 3    | <sup>US-</sup> 4,638,262                | 01-20-1987       | Miyamoto                    |   |
|           | 4    | <sup>US-</sup> 4,646,022                | 02-24-1987       | Brown                       |   |
|           |      | US-                                     |                  |                             | -   |
|           |      | US-                                     |                  |                             |   |
|           |      | US-                                     |                  |                             |   |
|           |      | US-                                     |                  |                             |   |
|           | ļ    | US-                                     |                  |                             |   |
|           |      | US-                                     |                  |                             |   |

| FOREIGN PATENT DOCUMENTS |                          |   |                     |  |   |                |
|--------------------------|--------------------------|---|---------------------|--|---|----------------|
| Examiner Initials*       | Cite<br>No. <sup>1</sup> | Foreign Patent Document   | Publication<br>Date | Name of Patentee or<br>Applicant of Cited Document | Pages, Columns, Lines,<br>Where Relevant Passages<br>Or Relevant Figures Appear | T <sup>6</sup> |
|                          |                          | Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known) | MM-DD-YYYY          |  |   |                |
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|                          |                          |   | 1                   |  |   | 1              |

| Examiner  | Date       |  |
|-----------|------------|--|
| Signature | Considered |  |

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at <a href="https://www.uspto.gov">www.uspto.gov</a> or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450.. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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